

Monostable ferroelectric active-matrix display

Publication number: CN1305604

Publication date: 2001-07-25

Inventor: DUBAL HANS-ROLF (DE); WINGEN RAINER (DE);
TOSHIAKI NONAKA (DE)

Applicant: AVENTIS RES & TECH GMBH & CO (DE)

Classification:

- **International:** G02F1/141; G02F1/13; (IPC1-7): G02F1/141

- **European:** G02F1/141K

Application number: CN19998007524 19990519

Priority number(s): DE19981022830 19980520

Also published as:



WO9960441 (A1)

EP1080389 (A1)

US6704086 (B1)

EP1080389 (A0)

DE19822830 (A1)

Report a data error here

Abstract not available for CN1305604

Abstract of corresponding document: **DE19822830**

A monostable ferroelectric active matrix display has a single domain liquid crystal layer with a specified angle between the layer normal (z) and the preferred orientation (n) of the nematic or cholesteric phase (N asterisk phase). A monostable ferroelectric active matrix display, containing a liquid crystal layer in the form of a single domain with a clearly defined direction of the layer normal (z) of the smC asterisk phase, the layer normal (z) and the preferred orientation (n) of the nematic or cholesteric phase (N asterisk phase) form an angle of more than 5 deg . Independent claims are also included for the following: (i) production of the above active matrix display; and (ii) an active matrix display produced by the above process.

Data supplied from the **esp@cenet** database - Worldwide